SONY

DCR-HC21

NEW

MiniDV Handycam® Camcorder

Compact yet stylish the DCR-HC21 is the first model in Sony's MiniDV Handycam® Camcorder lineup. Featuring a 2.5" Touch Panel LCD Screen with conveniently located controls and Carl Zeiss® Vario-Tessar® optics with 20X Optical Zoom you can capture your video with outstanding clarity.

- **1/6" Advanced HAD™ CCD Imager, 680K Pixels Gross**
  1/6" Advanced HAD™ (Hole Accumulation Diode) CCD with 340K (effective) pixels provides stunning detail and clarity with exceptional video (up to 500 lines of horizontal resolution) and still image performance.
- **MiniDV Recording**
  Offers up to 500 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video performance.
- **20X Optical/800X Digital Zoom**
  The optical zoom helps to bring the action close up from far away. In addition the Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.
- **Professional Quality Carl Zeiss® Vario-Tessar® Lens**
  Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.
- **Super SteadyShot® Picture Stabilization System**
  Picture stabilization system that uses motion sensors to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.
- **2.5" Touch Panel SwivelScreen™ LCD Display (123K Pixels)**
  Provides excellent viewing clarity with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback.
- **USB Streaming**
  Stay connected to family and friends by broadcasting live video with audio over the internet using the USB interface. You can even playback your favorite recorded scene on the camcorder's tape. It's like having your own video conferencing system.
- **i.LINK®1DV Interface**[1]
  A digital high-speed bi-directional interface which provides Audio/Video communication between two compatible devices. This connection allows for pure digital transfer between devices equipped with an IEEE1394 interface, such as camcorders, digital VTRs, capture cards and PCs.
- **InfoLithium® Battery with AccuPower™ Meter System**[2]
  Charge the battery at anytime because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- **Picture Package™ Software**
  Easily organize still images and video, and turn them into stunning music videos using the supplied software.
- **NightShot® Plus Infrared System**
  With Sony's NightShot Infrared System you can capture natural looking video, even when shooting in low light. Record subjects up to 20 feet away using the built-in infrared system, but without the overall monochrome color common with earlier low-light recording systems.
- **Stamina® Battery Power Management System**
  Using the optional NP-FP90 InfoLithium® Battery, the DCR-HC21 can continuously record for up to 9 hours on a single full charge, providing extra long battery life.
- **Program AE (Auto Exposure) Modes**
  Program AE modes make recording easy even when filming in challenging situations. Choose from Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight or Sunset & Moon modes.
- **Picture Effects**
  Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Negative Art, Sepia, Monotone, Solarize, Pastel and Mosaic. Effects available in Playback mode: Negative Art, Sepia, Monotone and Solarize.
- **Fader Effects**
  Enhance your personal videos by adding professional looking fader effects. Choose from Black, Mosaic, White, Monotone and Stripe.
- **Battery Information**
  At the touch of a button, battery information is displayed on the LCD screen when charging and when the camcorder is turned off. The display will show how much the battery is charged, in 10% increments and the recordable time left when using the LCD screen or in the viewfinder.
- **Photo Mode**
  Using Sony's Adaptive Frame Interpolation for better image quality, you can store hundreds of individual still images with 7 seconds of audio on the videotape.

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HANDYCAM

DCR-HC21

MiniDV Handycam® Camcorder

additional features

- End Search
- Accessory Shoe
- Easy Handycam Button

specifications

USB Streaming: Yes
Super SteadyShot System: Yes, Super SteadyShot
Accessory Shoe: Yes
White Balance: Auto/Outdoor/Indoor/One-push
Memory Stick PRO™ Media Compatibility: N/A
Low Light Capability: NightShot Plus
Viewfinder: Black and White, 123K Pixels
Imaging Device: 1/6" 680K Gross Pixel CCD
Interface: Connector for Handycam Station: N/A
Still Actual: N/A
LCD: 2.5" Color (123K)
USB Port(s): Yes
LANC Terminal: Yes
Analog Audio Input(s): No
Digital Video Input(s): No
Digital Video Output(s): Yes (Special)
Analog Audio Output(s): Yes (Stereo, Special)
Input(s): Microphone N/A
Headphone Output(s): N/A
Minimum Illumination: 5 Lux (0 Lux with NightShot Infrared System)
Lens Type: Carl Zeiss® Lens: Vario-Tessar®
Zoom: 20X, 800X (Digital)
Focus: Full Range Auto/Manual (Touch Panel)
35mm Conversion: 44-880mm (4:3); 48-960mm (16:9)
Focal Distance: 2.3-46mm
Aperture: 1.8 - 3.1
Shutter Speed: 1/60-1/4000 (AE Mode)
Exposure: Yes, Touch Panel (24 steps)
Power Consumption:1.9W/2.4W/2.5W (VF/LCD/VF LCD)
Limited Warranty: 1 Year Parts; 90 Days Labor
Video Actual: 340K Pixels
Filter Diameter: 25mm
Weight: 14 oz (397 g) w/out Tape and Battery
Dimensions (WHD): 2 1/5" x 1 2/9" x 3 15/16" (56 x 31 x 100mm)
Supplied Accessories: Power Adapter/In-Camera Charger (AC-L25)
InfoLithium® Rechargeable Battery (NP-FP30)
Remote Commander® Remote Control (RMT-830)
Stereo AV Cable
USB Cable
Shoulder Strap
CD-ROM with USB Driver (PicturePackage™ Software Ver. 1.5 for Sony)

UPC Code: 0272426698190

service and warranty

Limited Warranty: 1 Year Parts; 90 Days Labor

optional accessories

Handycam Camcorder Starter Kit for MiniDV (ACC-DVP)
High Capacity InfoLithium™ Batteries (NP-FP50/FP70/FP90)
AC Adaptor/Quick Charger (ACV-QP10)
AC/DC Adaptor (DCC-L50B)
Carrying Case (LCS-VA4)
Carrying Case (LCS-VA5)
Telephoto Lens (VCL-2025S)
High-Grade Telephoto Lens (VCL-HG2025)
Wide Angle Lens (VCL-HG0725)
Wide Angle Lens (VCL-0625S)
Lightweight Tripod (VCT-R610)
Pocket Tripod (VCT-TK1)

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Sony. Engineered to be effortless.

BATTERY LIFE[3]

Battery[3] (Fully charged)	Continuous Record Time VF/LCD/VF+LCD	Continuous Playback Time LCD On/Off
NP-FP30	105/80/80 min	95/120 min
NP-FP50	150/115/110 min	135/170 min
NP-FP70	310/240/235min	280/350 min
NP-FP90	550/435/415 min	500/620 min

1. i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.
2. Designed for use with compatible Sony InfoLithium® batteries.
3. Battery life may vary depending upon usage patterns.

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